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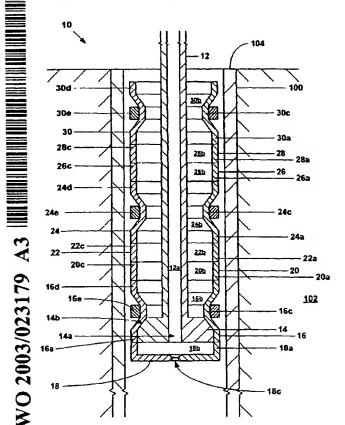
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(54) Title: SYSTEM FOR LINING A WELLBORE CASING



(57) Abstract: A system for lining a wellbore casing.

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where ar	propriate, of the releva	int passages	Relevant to claim No.	
X	US 6,070,671 A (CUMMING et al.) 06 June 2000 (0			13-15,17,18,21-23,25-	
7.	31, and 33				
х	US 6,085,838 A (VERCAEMER et al.) 11 July 2000 (11.07.00), figures 5-7. 1,4-7,11-19, and 21-35				
Λ.	US 0,003,036 A (VERCAEMER et al.) 11 July 2000 (11.07.00), rigules 3-7.			1,4-7,11-19, and 21-33	
3.0	CYLLOGGIA A (CARYTOTE IS A "1 1004 (15 04 04) Samuel and 0			12 15 17 22 25 21	
х	SU 1086118 A (GARIFOV) 15 April 1984 (15.04.84), figures 1 and 2.			13-15,17-23,25-31, and	
				33-36	
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